

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136339.D
 Acq On : 01 Dec 2023 15:53
 Operator : CG\JU
 Sample : PB157396BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157396BL

Quant Time: Dec 01 16:54:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	120435	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	504670	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	263007	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	477399	20.000	ng	0.00
76) Chrysene-d12	13.980	240	212188	20.000	ng	-0.01
86) Perylene-d12	15.468	264	214142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	708289	81.856	ng	0.01
7) Phenol-d6	6.439	99	863171	79.781	ng	0.00
23) Nitrobenzene-d5	7.369	82	780813	81.758	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	234894	73.051	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1658112	80.527	ng	0.00
79) Terphenyl-d14	12.933	244	1587484	86.298	ng	0.00

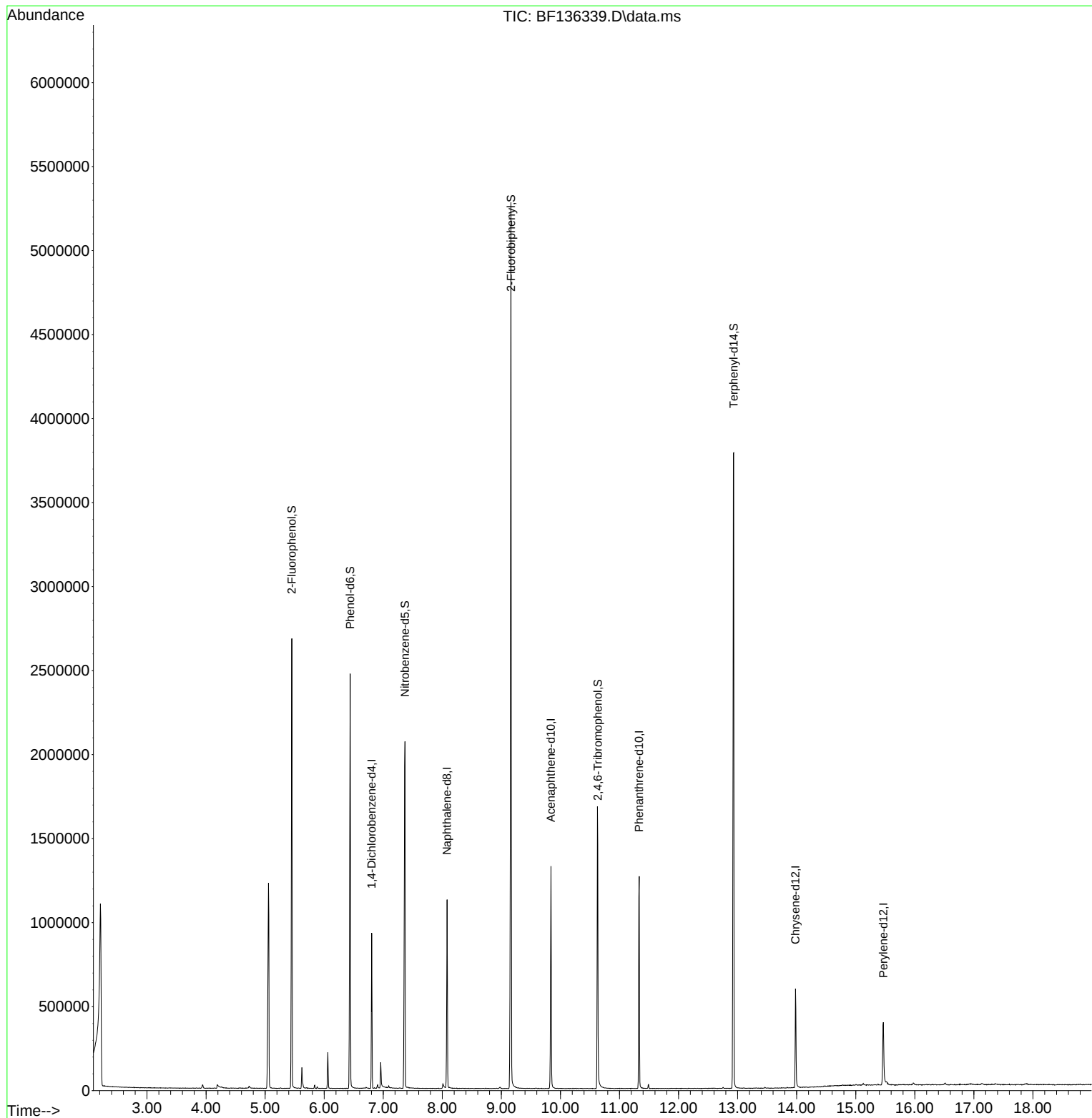
Target Compounds	Qvalue

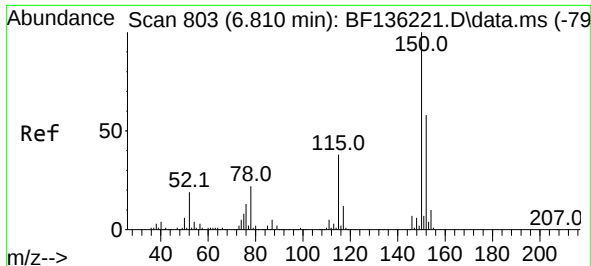
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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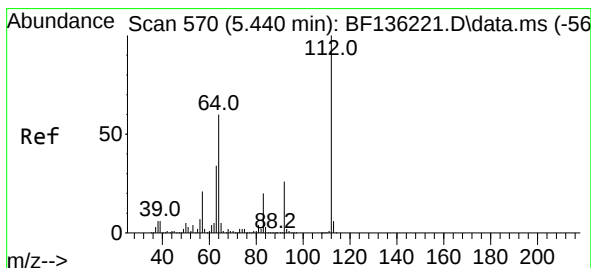
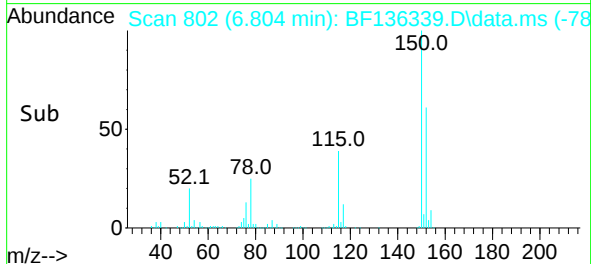
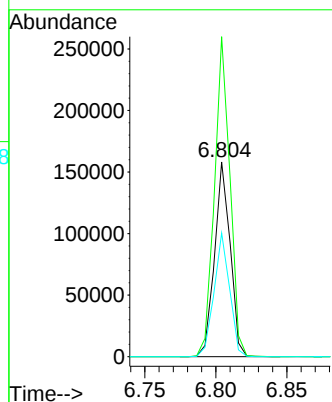
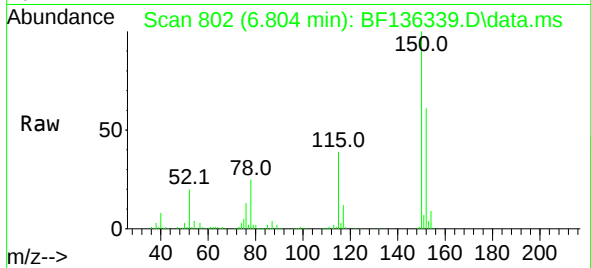




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

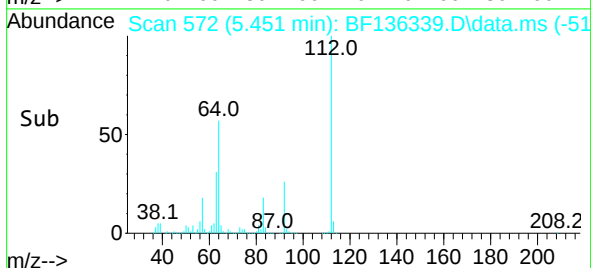
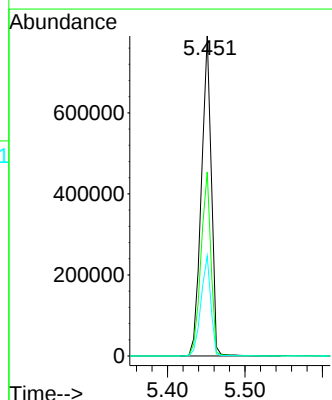
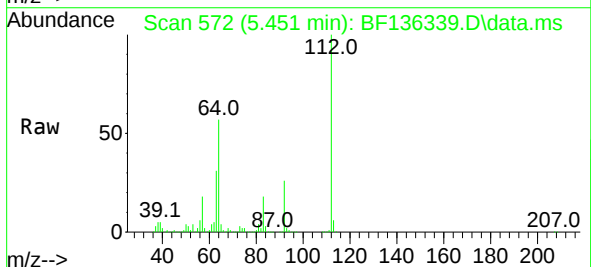
Instrument :
BNA_F
ClientSampleId :
PB157396BL

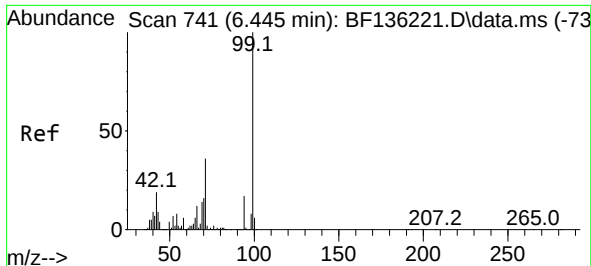
Tgt Ion:152 Resp: 120435
Ion Ratio Lower Upper
152 100
150 164.4 137.8 206.8
115 63.5 52.7 79.1



#5
2-Fluorophenol
Concen: 81.856 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

Tgt Ion:112 Resp: 708289
Ion Ratio Lower Upper
112 100
64 57.5 48.2 72.4
63 31.3 27.0 40.6

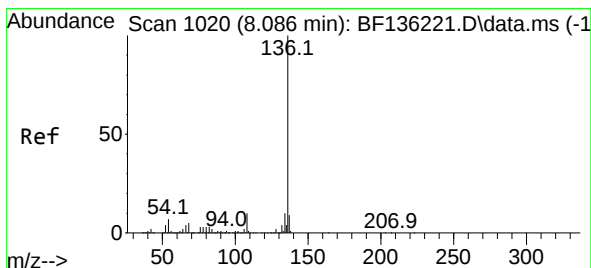
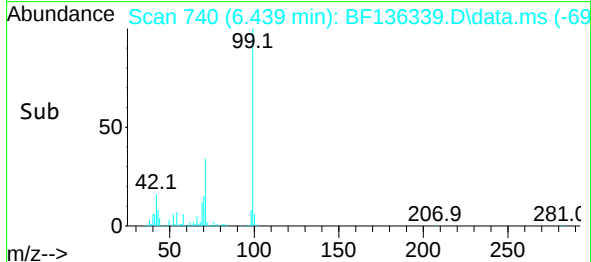
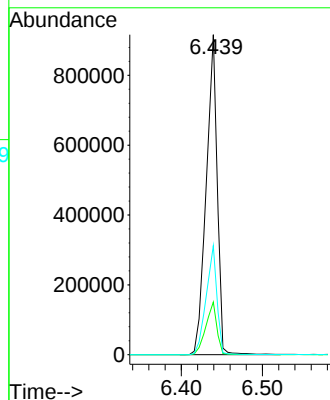
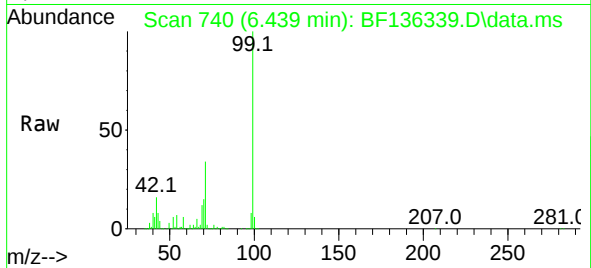




#7
Phenol-d6
Concen: 79.781 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

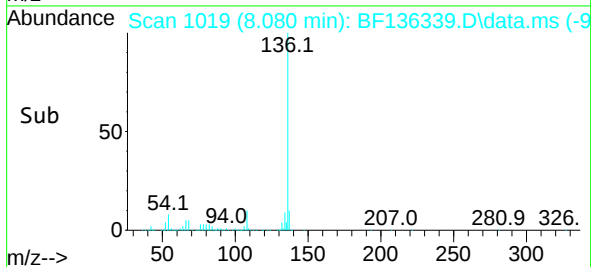
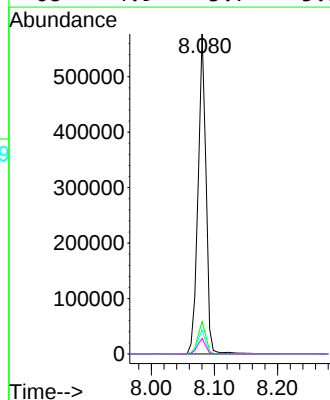
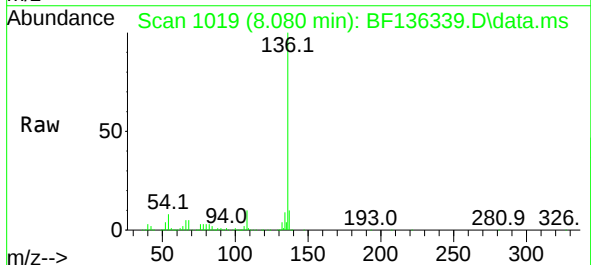
Instrument :
BNA_F
ClientSampleId :
PB157396BL

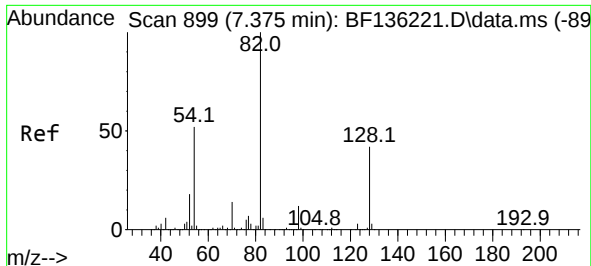
Tgt Ion: 99 Resp: 863171
Ion Ratio Lower Upper
99 100
42 16.5 15.0 22.6
71 34.0 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

Tgt Ion: 136 Resp: 504670
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.2
54 7.6 5.5 8.3
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 81.758 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136339.D

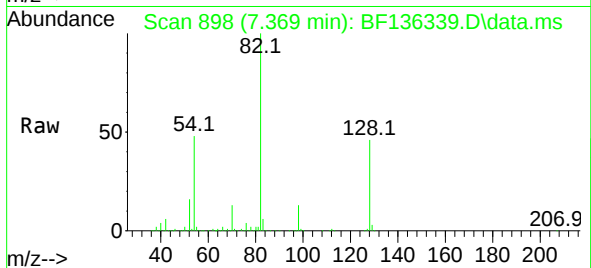
Acq: 01 Dec 2023 15:53

Instrument :

BNA_F

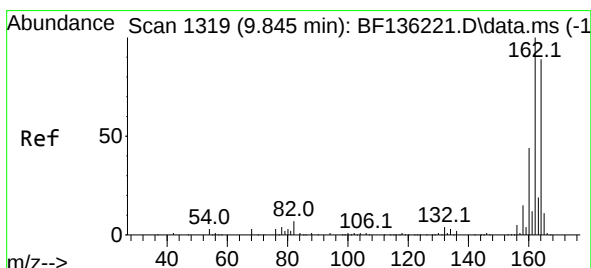
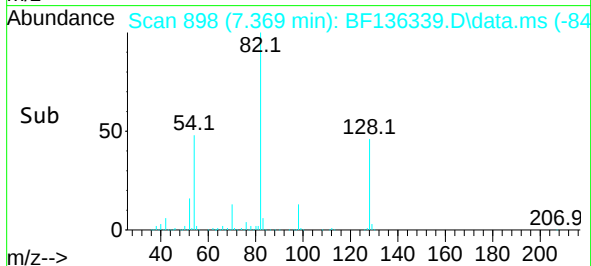
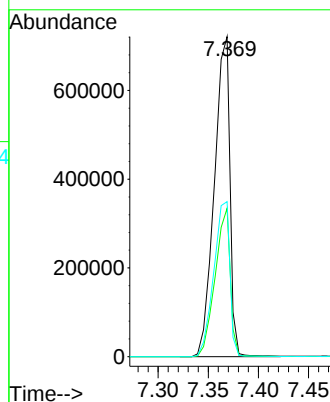
ClientSampleId :

PB157396BL



Tgt Ion: 82 Resp: 780813

Ion	Ratio	Lower	Upper
82	100		
128	46.3	33.4	50.2
54	48.5	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

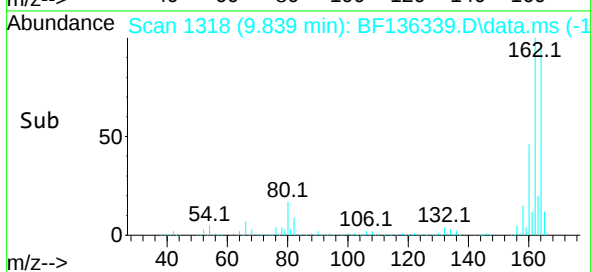
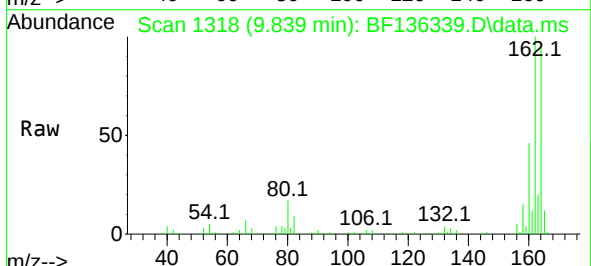
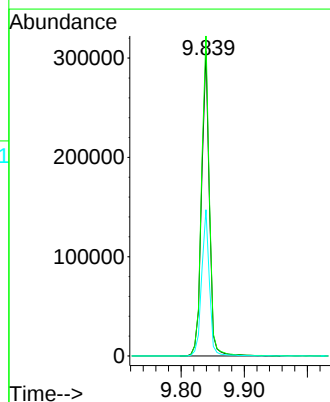
Delta R.T. -0.006 min

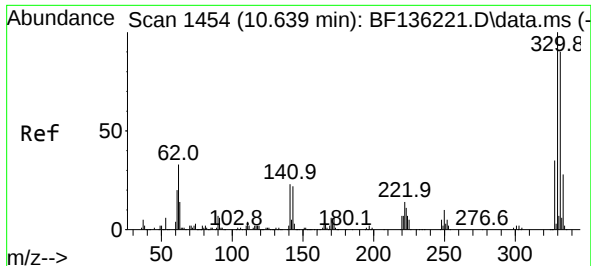
Lab File: BF136339.D

Acq: 01 Dec 2023 15:53

Tgt Ion: 164 Resp: 263007

Ion	Ratio	Lower	Upper
164	100		
162	105.0	89.5	134.3
160	48.0	39.6	59.4





#42

2,4,6-Tribromophenol

Concen: 73.051 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136339.D

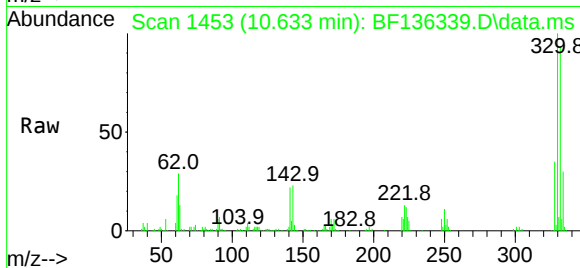
Acq: 01 Dec 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB157396BL



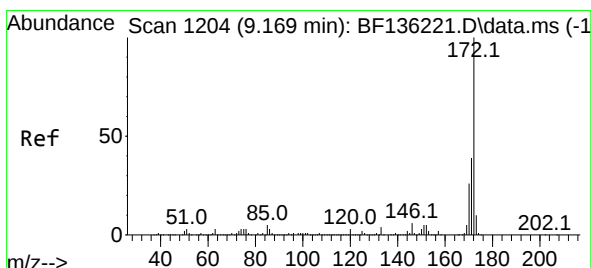
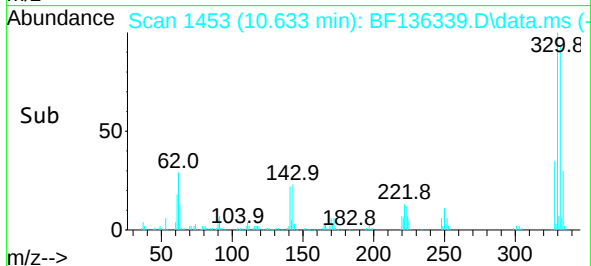
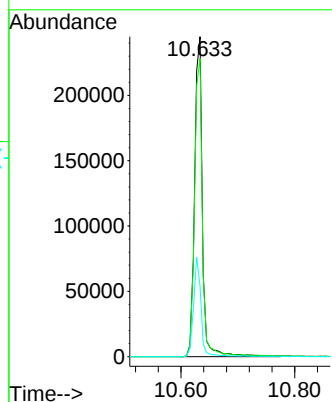
Tgt Ion:330 Resp: 234894

Ion Ratio Lower Upper

330 100

332 94.8 73.0 109.6

141 29.8 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 80.527 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136339.D

Acq: 01 Dec 2023 15:53

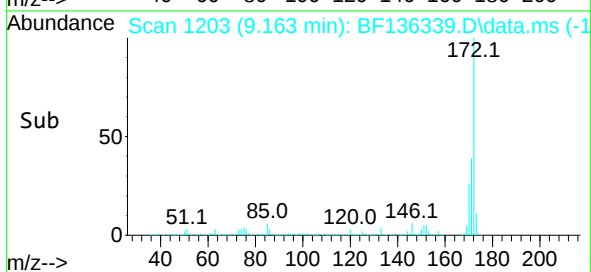
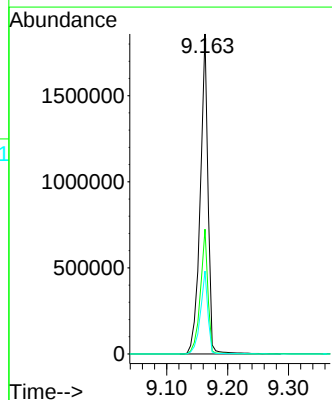
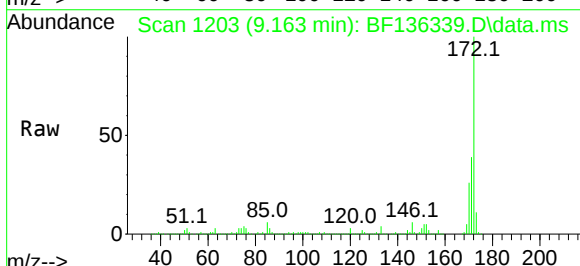
Tgt Ion:172 Resp: 1658112

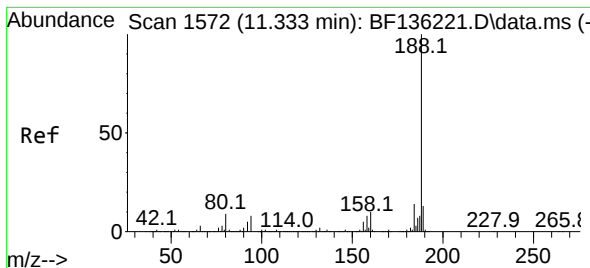
Ion Ratio Lower Upper

172 100

171 39.0 31.5 47.3

170 25.9 20.8 31.2

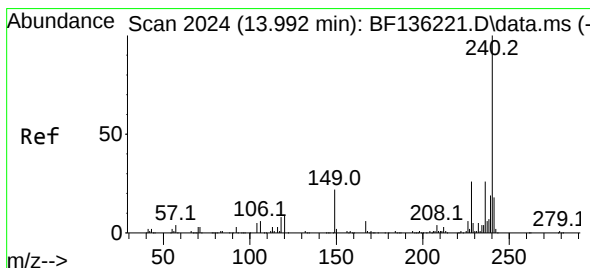
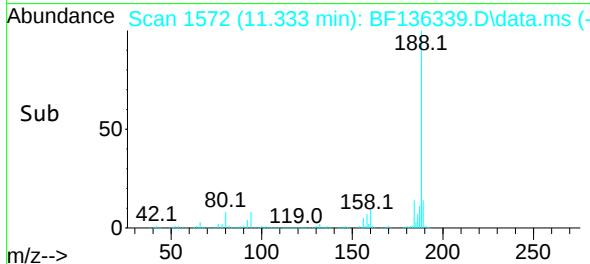
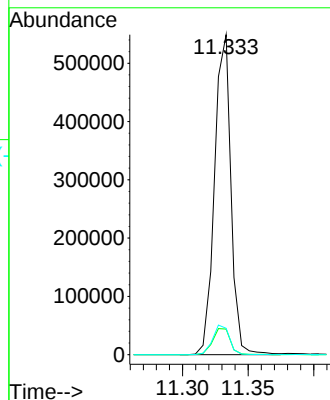
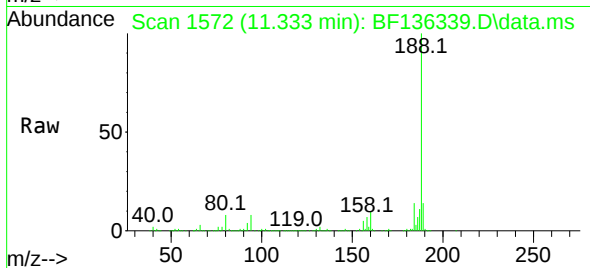




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

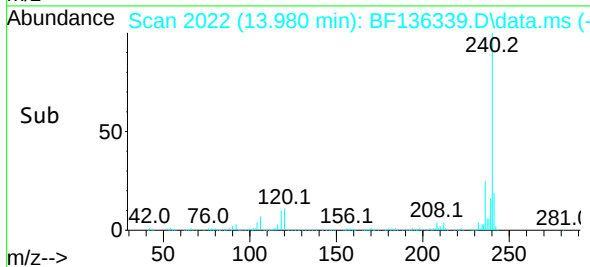
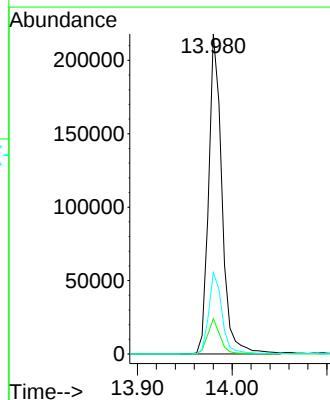
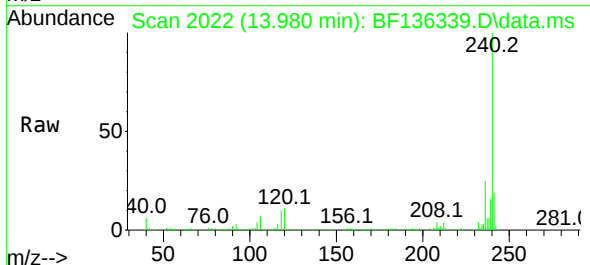
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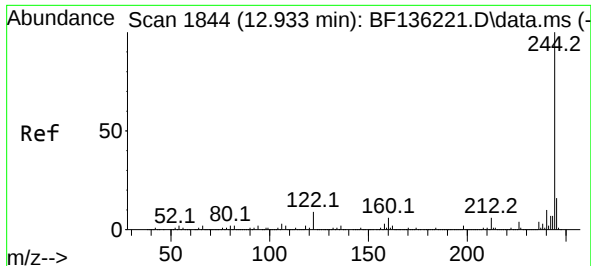
Tgt Ion:188 Resp: 477399
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.2 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

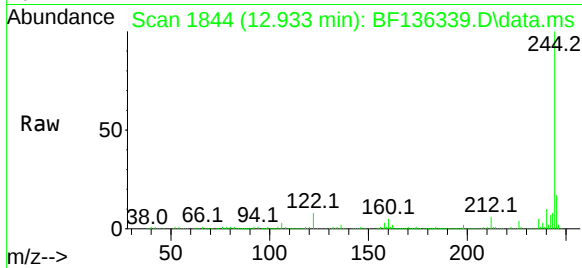
Tgt Ion:240 Resp: 212188
Ion Ratio Lower Upper
240 100
120 11.0 7.4 11.2
236 25.5 21.1 31.7



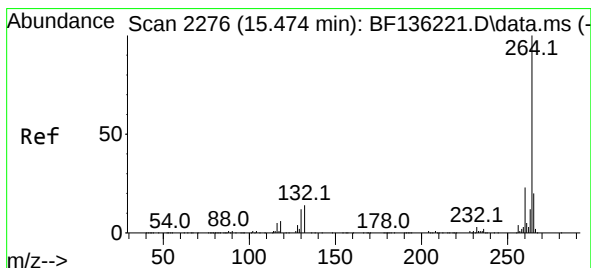
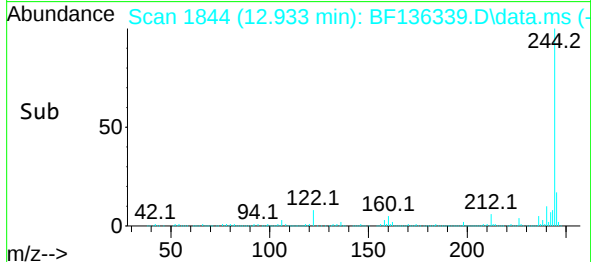
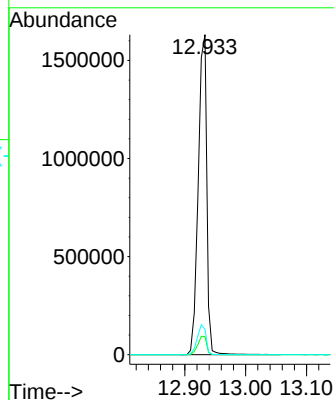


#79
Terphenyl-d14
Concen: 86.298 ng
RT: 12.933 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

Instrument :
BNA_F
ClientSampleId :
PB157396BL



Tgt Ion:244 Resp: 1587484
Ion Ratio Lower Upper
244 100
212 5.6 4.6 7.0
122 7.8 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

Tgt Ion:264 Resp: 214142
Ion Ratio Lower Upper
264 100
260 22.0 18.6 27.8
265 21.0 15.7 23.5

